New Cartridge & Chamber
8.6 BLACKOUT (8.6 BLK)

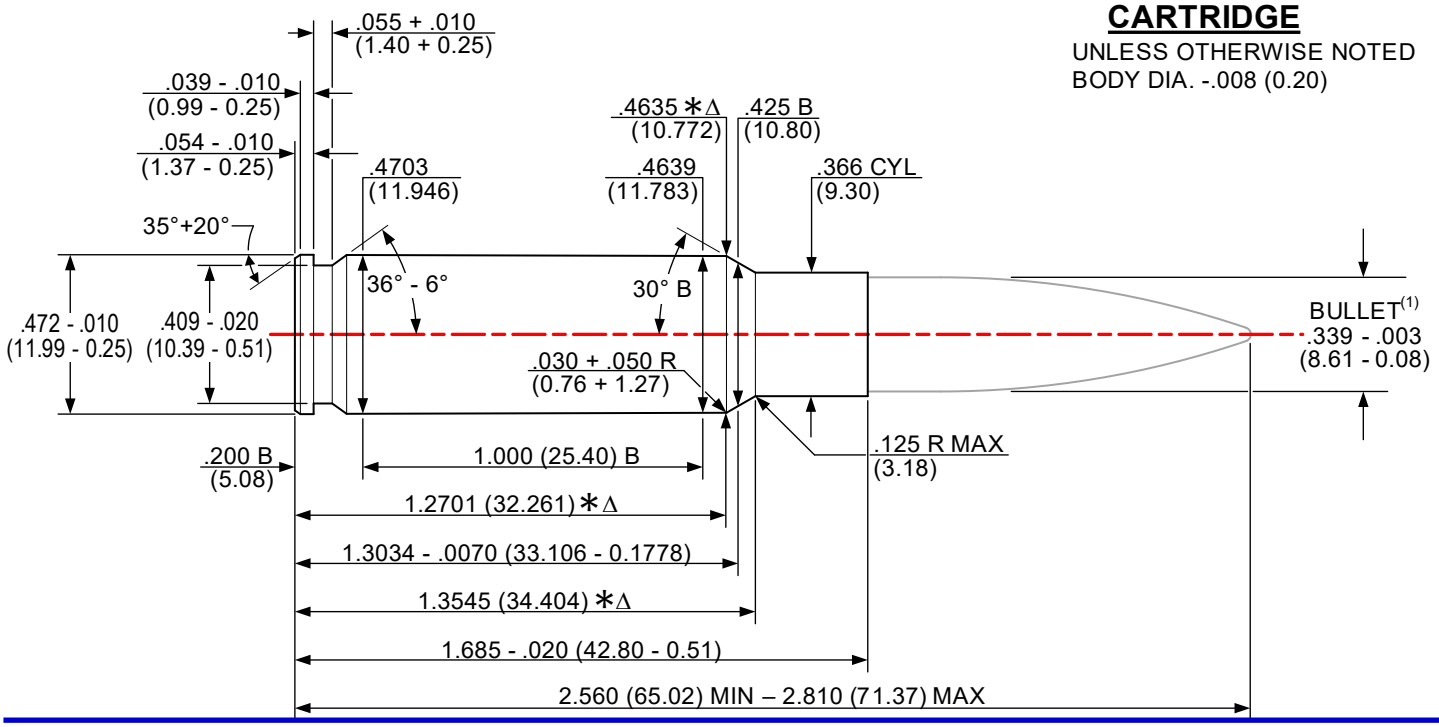
Maximum Average Pressure (MAP)* = 62,000 psi — Instrumental Velocity: 200-gr @ 2,200 fps
Crusher pressure limits not established. * Refer to SAAMI Z299.3 for pressure guideline interpretation description.

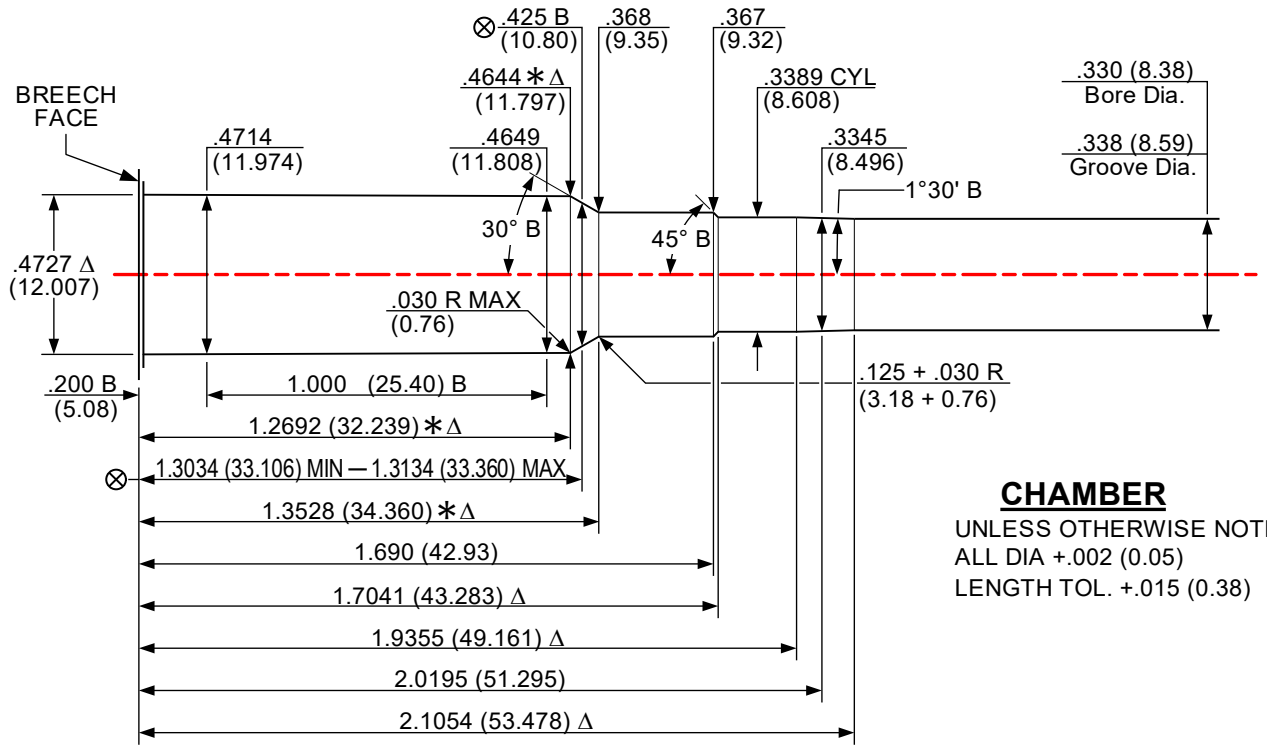
MAXIMUM CARTRIDGE / MINIMUM CHAMBER

ISSUED: 01/19/2026 — **8.6 BLACKOUT [8.6 BLK]** — **REVISED: - -/- -/- - - -**

CARTRIDGE

UNLESS OTHERWISE NOTED
BODY DIA. -.008 (0.20)





CHAMBER

UNLESS OTHERWISE NOTED
ALL DIA +.002 (0.05)
LENGTH TOL. +.015 (0.38)

Δ 6 GROOVES — TWIST: 6.00 (152.4) R.H. OPTIONAL
Δ .110+.002 (2.79+0.05) WIDE — MINIMUM BORE & GROOVE AREA: .0882 in² (56.903 mm²)

NOTE:
B = BASIC — (XX.XX) = MILLIMETERS — ⊗= HEADSPACE DIMENSION
Δ = REFERENCE DIMENSION — ∗ = DIMENSIONS ARE TO INTERSECTION OF LINES
ALL CALCULATIONS APPLY AT MAXIMUM MATERIAL CONDITION (MMC)
(1) – BULLET PROFILE IS SHOWN FOR ILLUSTRATIVE PURPOSES ONLY

DO NOT SCALE FROM DRAWING

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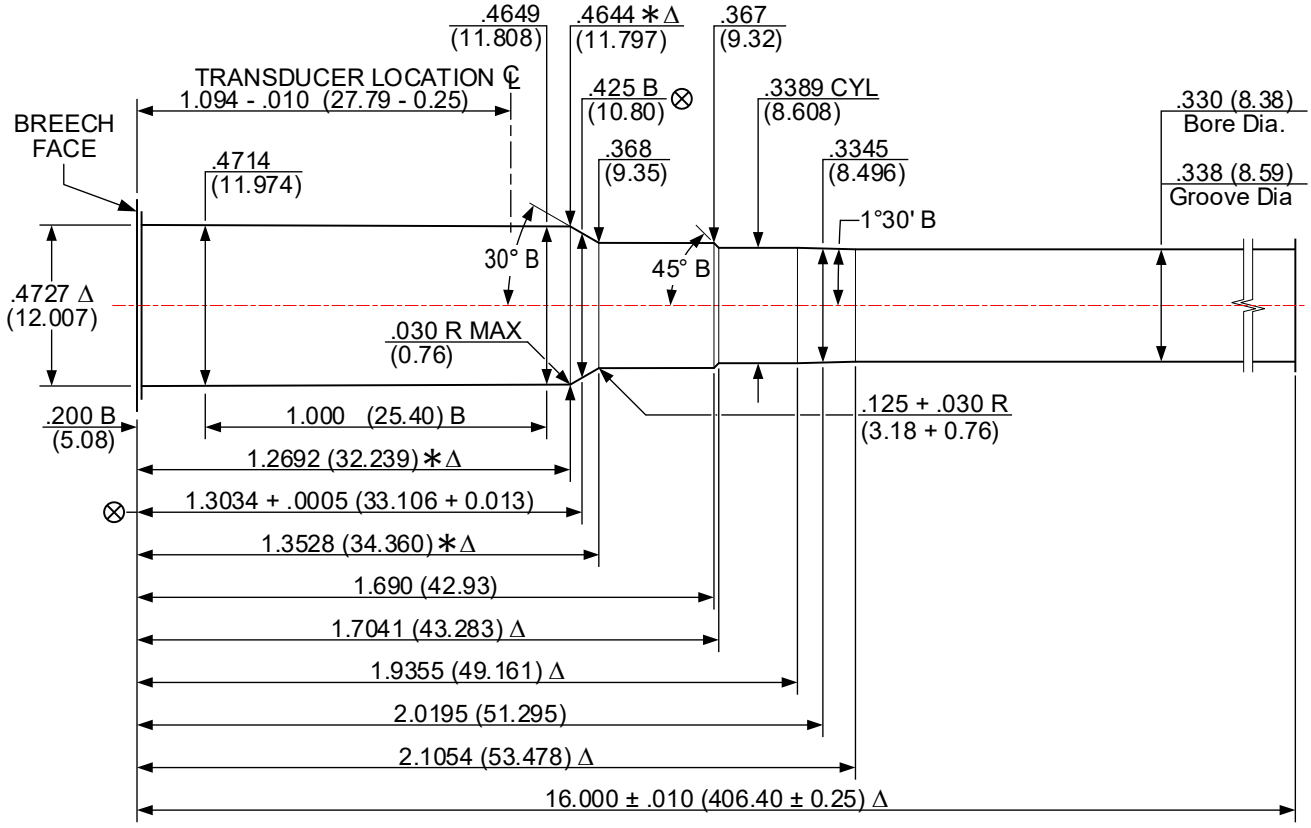
VELOCITY & PRESSURE TEST BARREL

8.6 BLACKOUT [8.6 BLK]

ISSUED: 01/19/2026 **V&P TEST BARREL** **REVISED: - -/- -/- - - -**



NUMBER OF GROOVES:	6
WIDTH OF GROOVES:	.110 + .002 (2.79 + 0.05)
TWIST RATE:	6.00 (152.4) R.H.
DIAMETER OF PISTON HOLE:	Crusher pressures not established
TRANSDUCER DIAMETER:	.250 (6.35)

LAND AND GROOVE DIMENSIONS TO BE WITHIN TOLERANCES THROUGHOUT LENGTH OF BARREL.

UNLESS OTHERWISE NOTED, ALL DIAMETERS +.0005 (0.013) LENGTH TOLERANCE + .005 (0.13)

DO NOT SCALE FROM DRAWING

NOTE:

B = BASIC Δ = REFERENCE DIMENSION ⊗ = HEADSPACE DIMENSION

∗ DIMENSIONS ARE TO INTERSECTIONS OF LINES (XX.XX) = MILLIMETERS

ALL CALCULATIONS APPLY AT MAXIMUM MATERIAL CONDITION (MMC)

Support products supplier:

Q, LLC

Jordan Porter .....ph. 603-294-0047..... email: info@liveqordie.com

Order symbols/part numbers:

Reference rounds: Q86BLK Dummy rounds: Q86BLK-DUMMY Proof ammunition: Q86BLK-PROOF

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